

PROPERTY INFORMATION FORM

Copper Queen Group
826472 92/0

Date **September 15, 1956**

Name of Property **COPPER QUEEN GROUP**

Presented by (with address)

Date

Location **2 miles west of Franklin Arm, Chilko Lake, B.C.**

Access **Aircraft from Williams Lake**

Claims **8 Claims - Copper Queen No. 1-8**

Ownership **Brewer & Son, 1/3 interest held by T.J. Gordon, Little Fort, B.C.**

Summary of Outstanding Features **Two pyrrhotite-chalcopyrite zones in skain and volcanics near granite contact. Lenses of good grade chalcopyrite with associated scheelite, minor molybdenite.**

Opinions, Suggestions or Recommendations of Present Holder

Option Terms **\$2,000. down on 100,000 and 10% vendors interest. Can do Mag. Survey first to determine persistence of zones - owners reasonable.**

Information is Based on **Personal examination**

Nature of Deposit **Replacement**

Mineralization **Chalcopyrite, pyrrhotite, molybdenite, scheelite**

Widths and Values **Zones up to 20' wide, but strike not clearly defined.**

Strike and Dip **About N. 70° E. Steep?**

Country Rock

Present Known Extent and Possible Extensions **Showings small - open to west., limited to the east. No drilling or geophysical work done - considerable overburden to the west.**

Limiting Features

Workings, Kind, Amount, Location and/or Diamond Drilling **Small pits, and three short packsack drill holes put down by Gordon. Not drilled in proper direction.**

Lengths and Frequency of Exposures **Lengths in terms of 10's of feet, but not delimited by stripping**

Known Commercial Sections

Known Non-Commercial Sections

Number, Dimensions and Grade of Ore Shoots Indicated

Possibilities of Developing Ore **Samples suggest a couple of small shoots, the southern one most likely to be important.**

Past Production, If Any

Dividends, If Any

Other Significant Features in History of Property

Previous Examinations

Reports, Plans or Other Sources of Information

Reasons for Property Lying Idle

Relation to or Comparison with Other Properties in the District

New Development (Since Last Examination)

Other Remarks **Recommend magnetometer survey to test persistency of pyrrhotite zones, then option if warranted.**

S. Leaming

Examining Engineer

Sept. 17, 1956

Date of Examination

92-0

| | | |
|---|--------|---|
| A | | N |
| ✓ | W.S.R. | ✓ |
| ✓ | E.O.C. | |
| | R.D.S. | |
| | E.C.J. | |
| | R.W.B. | |
| ✓ | J.I.K. | ✓ |
| | E.L.D. | |
| | E.G.A. | |

September 26, 1956

Mr. Stanley Leaming,
 Prospectors Airways Company Limited,
 Box 969,
 Whitehorse, Y. T.

Dear Stan:

Re Copper Queen Group: Your copper assays received on the Copper Queen Group, Chilko Lake, B. C. today. They are certainly not high grade but indicate copper is present across the narrow widths you mention. We would not be prepared to make a down payment of \$2,000 as requested by the vendors without additional information, geophysical or otherwise, on the property. If they are agreeable to letting you do this without a payment and consider it worthwhile you might tackle it yourself when you come out of the Yukon.

We have a Radar one-man magnetometer here that might be useful if required. It has a sensitivity of 25 gammas per scale division and a range from approximately 50 gammas to 15,000 or more. If you prefer Doal's Askania that could also be arranged. Possibly the junior E.M. might be of some help.

Your report does not mention the altitude of the group, although I note the country immediately west is extremely rugged. Would this property be the one mentioned as the Alex Ducharne showing, on Page 69A G.S.C. Summary Report 1924 Part A, by Victor Dalmage, which states:

"West and south of the head of Franklin Arm extensive beds of limestone are in contact with the two small intrusions of granodiorite represented on the map, and also a little further south of the main batholith here Mr. Alex Ducharne, the only white inhabitant of the shores of Chilko Lake, has made a few open cuts in the limestone where it has been metamorphosed and mineralized with copper, zinc and iron sulphides. Although no large bodies of commercial ore have yet been discovered, it is highly probable that if the contacts of the limestone with the intrusives were explored the contact of the metamorphic type would be discovered and there is a possibility the deposits may be of commercial size and grade."

Judging by Ducharne's claims the ore would probably carry values in gold and zinc as well as copper. If this is the same showing possibly it has been examined before.

Further regarding tungsten ore, the domestic market is guided by the European price per long ton unit, 2,240 lbs., 65% standard. In December 1955 wolfram and scheelite \$33.00 to \$34.50. Contract prices are subject to negotiation between buyer and seller and vary widely

920

| | |
|---|--------|
| A | W.S.R. |
| | E.O.C. |
| | R.D.S. |
| | E.C.I. |
| | R.W.B. |
| | J.K. |
| | E.L.D. |
| | E.G.A. |

Mr. Stanley Leaming

- 2 -

September 26, 1956

from current prices. Again I advise you to check on the Canadian Exploration at Salmo regarding metallurgic and price structure.

Re the Wayside Group: I agree that it does not appear too attractive and no further action is warranted.

Would you please find out from Alan Kulan where the samples came from that were assayed at our expense on September 14, 1956 and marked "Jim Hanna, Carcross".

Yours very truly,

PROSPECTORS AIRWAYS COMPANY LIMITED,

EOC:JK

E. O. Chisholm,
Chief Geologist.

COPPER QUEEN MINERAL CLAIMS

CHILKO LAKE, B.C.



| | | |
|---|--------|---|
| A | W.S.R. | ✓ |
| | E.O.C. | ✓ |
| | R.D.S. | |
| | E.C.J. | |
| | R.W.B. | ✓ |
| | J.I.K. | ✓ |
| | E.L.D. | |
| | E.G.A. | |

INTRODUCTION. These claims were brought to our attention by T.J.Gordon of Little Fort B.C. who holds a one-third interest in the group. The claims were staked by Alfred Brewer of R.R.4 Vernon B.C.

The group includes Copper Queen mineral claims No.1 to 8. No other claims have yet been staked in the near vicinity.

This is not a new find but the original work was done about 50 years ago and nothing has been added since then. The original diggings were not extensive. Gordon and Brewer have done some fresh blasting and attempted to put down some pack sack drill holes.

LOCATION

The property is about 2 miles by trail from the west end of Frnklin Arm on Chilko lake. Access is best gained by flying from Williams Lake, where Chilcotin Air Service operate a Cessna 195. The property is about 100 miles south west of Williams Lake. An alternative mode of access consists of driving from Williams Lake west on the Bella Coola road to Redstone and thence to Chilko Lake Lodge where a boat can sometimes be obtained. The trip down the lake amounts to some 40 miles and is often delayed owing to the violent gales which frequently blow up.

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GENERAL GEOLOGY

The property lies along the eastern contact of the Coast Range batholith. It is some 20 miles from the interesting developments on Taseko lake and about 60 miles northwest of Bralorne.

The property is underlain with volcanics and limestone with some arenaceous sediments and red granite. The limestone is recrystallized and intruded by andesitic dikes. Mineralization occurs in skarn zones and associated with the andesite dikes. These later are numerous but not important. The skarn zones have interesting amounts of chalcopyrite and scheelite. Minor molybdenite was noted also. The claims start in the valley of Deschamp creek and run south up into the high limestone bluffs. The southern claims therefore afford good exposures but to the west and southwest bedrock is largely obscured by overburden. The surrounding country is dominated by high peaks some up to 10,000 feet.

ECONOMIC GEOLOGY

The mineralized skarn zones contain much pyrrhotite considerable scheelite and chalcopyrite and minor molybdenite. There are two principle showings on which a limited amount of trenching has been done. This has not been sufficient to delimit the zones. The two showings are separated by a band of volcanics some 600 feet wide. They are apparently parallel bodies striking southwest and having a steep dip. The showing at the lower elevation is the less interesting since little work has been done here. The upper showing consists of several

92. 0

small pits and trenches in a skarn zone which extend over an area of 100 by 150 feet. The skarn zone is cut off to the east but could extend an indefinite distance to the west in which direction the ground drops off rapidly into an overburden area. The deposits seem to be typical of contact metamorphic types and is expected to be lenticular and discontinuous. Pending sample results it would appear that further work with a magnetometer would be desirable to trace the zones to the west. The pyrrhotite content should make this method very reliable. The best scheelite zone lies on the south end of the best chalcopyrite and does seem to have a genetic relationship to it. The scheelite is associated with quartz veins and stringers and where these occur within the chalcopyrite zones proper scheelite can be detected with the ultraviolet lamp in variable abundance.

RECOMMENDATIONS

Although the deposits are not of major proportions where is a chance of expansion to the west and possibly an economic deposit could develop. Some of the better sections are very rich both in tungsten and copper; sampling was done with care to avoid including too much of the better material. Pending assay results the following program is recommended:

(1) arrange a deal for \$100,000 and a 10% vendors interest. First payment to be made of \$2000 in September 1957.

(2) conduct a magnetometer survey over the property during October 1956.

Respectfully submitted,

FILE No. 20278

CABLE ADDRESS: "ELDRICO"

HEAD OFFICE AND LABORATORIES:
633 HORNBY STREET
VANCOUVER 1, B. C.

PHONE TATLOW 1267

Certificate of Assay

G. S. ELDRIDGE & CO. LTD.

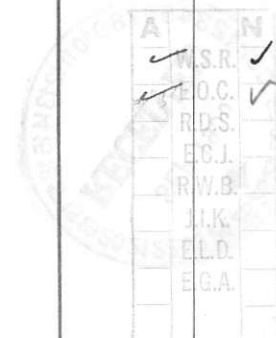
PROVINCIAL ASSAYERS, ANALYTICAL AND CONSULTING CHEMISTS
METALLURGICAL AND CEMENT INSPECTORS

G. S. ELDRIDGE, B.Sc.
MEMBER OF
CHEMICAL INSTITUTE OF CANADA
CANADIAN INSTITUTE OF MINING AND
METALLURGY
AMERICAN SOCIETY FOR TESTING
MATERIALS
AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY OF METALS

We Hereby Certify that the following are the results of assays made by us upon samples of ORE
herein described and received from PROSPECTORS AIRWAYS COMPANY, LIMITED September 24 1956

| MARKED | GOLD | | SILVER | | COPPER (Cu) | | PER CENT. | VALUE PER TON | VALUE PER TON | TOTAL VALUE PER TON (2000 LBS.) |
|--------|----------------|---------------|----------------|---------------|-------------|---------------|-----------|---------------|---------------|---------------------------------|
| | OUNCES PER TON | VALUE PER TON | OUNCES PER TON | VALUE PER TON | PER CENT. | VALUE PER TON | | | | |
| B6 | 0.01 | 0.35 | | | 1.5 | | | | | |
| B7 | 0.02 | .70 | | | 3.6 | | | | | |
| B8 | | | | | 1.4 | | | | | |
| B9 | | | | | 1.3 | | | | | |
| W2 | | | | | 0.75 | | | | | |

B6 } COPPER QUEEN
B7 } CHILKO LAKE
B8 } B.C.
B9 }
W2 } WAYSIDE GP
VERNON B.C.



920

3M-MP

Gold calculated at \$ 35.00 per ounce.
Silver calculated at _____ per ounce.

Calculated at _____ cents per lb.
Calculated at _____ cents per lb.

NOTE.—Samples only retained 3 months unless otherwise specified.

G. S. Eldridge Provincial Assayer

FILE No. 20278

CABLE ADDRESS: "ELDRICO"

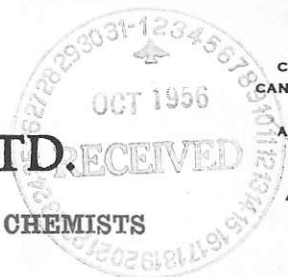
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AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY OF METALS

We Hereby Certify that the following are the results of assays made by us upon samples of ore
herein described and received from PROSPECTORS AIRWAYS COMPANY, LIMITED. September 28, 19 56.

| MARKED | GOLD | | SILVER | | TUNGSTEN as WO ₃ | | PER CENT. | VALUE PER TON | PER CENT. | VALUE PER TON | TOTAL VALUE PER TON (2000 LBS.) |
|--------|-------------------|------------------|-------------------|------------------|--------------------------------|------------------|--------------|------------------|--------------|------------------|---------------------------------------|
| | OUNCES PER TON | VALUE PER TON | OUNCES PER TON | VALUE PER TON | PER CENT. | VALUE PER TON | | | | | |
| B 1 | | \$ | | \$ | 1.43 | \$ | | \$ | | \$ | |
| B 2 | | | | | 0.11 | | | | | | |
| B 3 | | | | | 0.72 | | | | | | |
| B 4 | | | | | 0.03 | | | | | | |
| B 5 | | | | | 0.17 | | | | | | |

3M-MP

Gold calculated at \$.....per ounce.

Silver calculated at.....per ounce.

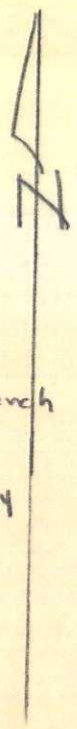
Calculated at.....cents per lb.

Calculated at.....cents per lb.

NOTE.—Samples only retained 3 months unless otherwise specified

G. S. Eldridge Provincial Assayer

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old trench
SKARN
Small amount of chalc in narrow lenses.

SKARN ZONE LIMITED TO 400-500' IN THIS DIRECTION →

probable strike ←

band of sulphides

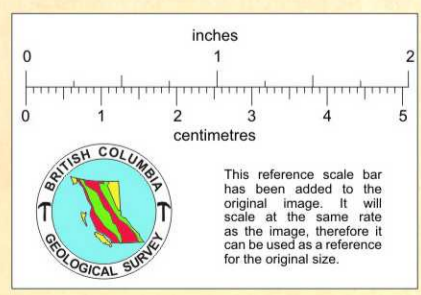
MINOR MINERALIZATION IN VOLCANICS SEEN 1000'

SKARN

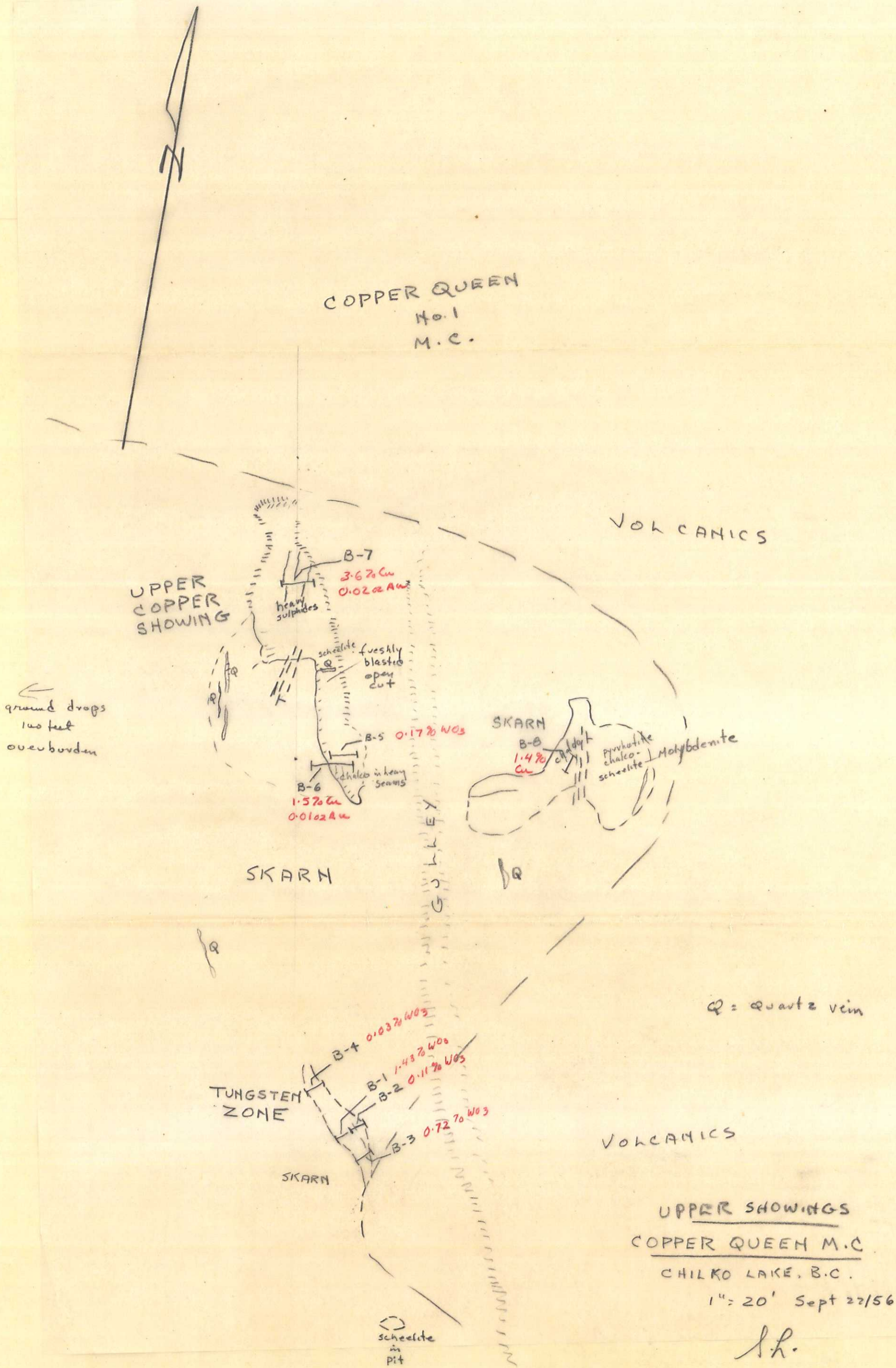
dump from open cut contains some heavy chalcopyrite
B-9
1.320 Cu

VOLCANICS

LOWER SHOWINGS
COPPER QUEEN M.C.
CHILKO LAKE, B.C.
1" = 20'



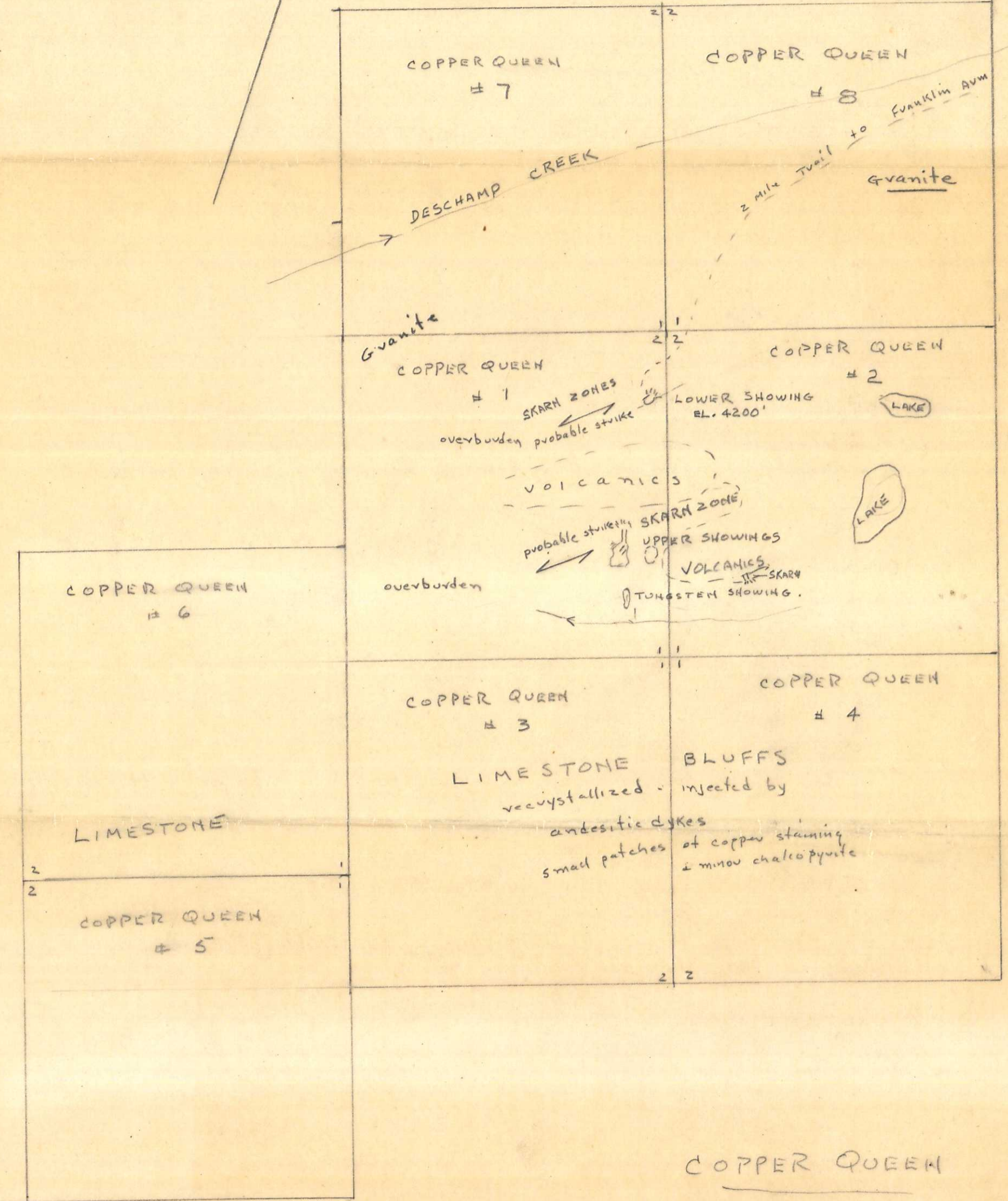
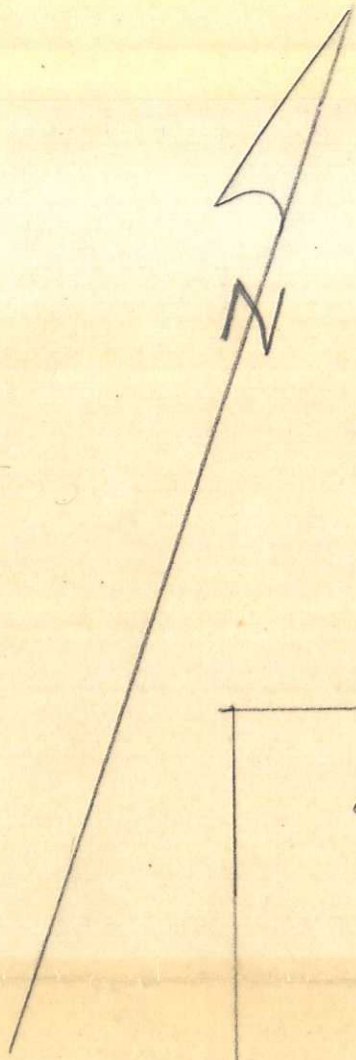
COPPER QUEEN
No. 1
M.C.



0 1 2
inches

0 1 2 3 4 5
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.



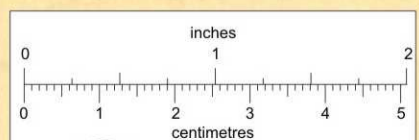
COPPER QUEEN

Franklin Ave

Chulko Lake, B.C.

1" = 500'

0.50



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